

STATE WEATHER SERVICES.

[Temperature in degrees Fahrenheit; precipitation, including melted snow, in inches and hundredths.]

The following extracts and summaries are republished from reports for March, 1893, of the directors of the various state weather services:

ALABAMA.

Temperature.—The mean was 0.3 above the normal; maximum, 84, at Montgomery, 10th; minimum, 13, at Maysville, 4th; greatest monthly range, 68, at Newburg; least monthly range, 45, at Healing Springs.

Precipitation.—The average was 2.11 below the normal; greatest monthly, 7.73, at Geneva; least monthly, 2.18, at Florence.

Wind.—Prevailing direction, northwest.—*P. H. Mell, Observer, Weather Bureau, Auburn, director.*

ARIZONA.

Temperature.—Maximum, 102, at Fort Mohave, 28th; minimum, 3, at Flagstaff, 11th; greatest monthly range, 72, at Palomas and Holbrook; least monthly range, 50, at Walnut Ranch.

Precipitation.—The average was 1.41 above the normal; greatest monthly, 6.75, at Flagstaff; least monthly, 0.03, at Teviston.

Wind.—Prevailing direction, southwest.—*W. Burrows, Observer, Weather Bureau, Tucson, director.*

ARKANSAS.

Temperature.—The mean was 1 below the normal; maximum, 82, at Corning, 22d, and at Camden, 23d; minimum, 5, at Winslow, 4th; greatest monthly range, 74, at Rogers and Keesees Ferry; least monthly range, 48, at Prescott.

Precipitation.—The average was 1.46 below the normal; greatest monthly, 5.71, at Madding; least monthly, 1.95, at Memphis, Tenn.

Wind.—Prevailing direction, south.—*M. F. Locke, Commissioner of Agriculture, Little Rock, director; F. H. Clarke, Local Forecast Official, Weather Bureau, assistant.*

CALIFORNIA.

Temperature.—Maximum, 101, at Indio, 30th; minimum, 10, at Boca, 18th; greatest monthly range, 69, at Indio; least monthly range, 27, at Poway.

Precipitation.—The average was 2.38 above the normal; greatest monthly, 17.69, at Georgetown; least monthly, 0.55, at Needles.

Wind.—Prevailing direction, south.—*J. A. Barwick, Observer, Weather Bureau, Sacramento, director.*

COLORADO.

Temperature.—Maximum, 88, at Kit Carson, 31st, and at Minneapolis, 30th; minimum, —15, at Alma, 14th; greatest monthly range, 100, at Minneapolis; least monthly range, 51, at Stamford.

Precipitation.—Greatest monthly, 6.50, at Climax; least monthly, 0.00, at Hugo and Sanborn.—*J. J. Gilligan, Observer, Weather Bureau, Denver, director.*

FLORIDA.

Temperature.—The mean was about normal; maximum, 89, at Orange City, 24th, and at Plant City, 23d; minimum, 26, at Bristol, 4th, and at Moseley Hall and Tallahassee, 5th; greatest monthly range, 59, at Bristol; least monthly range, 27, at Key West.

Precipitation.—The average was about 1.68 above the normal; greatest monthly, 9.95, at Lake City; least monthly, trace, at Key West.

Wind.—Prevailing directions, southeast and southwest.—*E. R. Demain, Observer, Weather Bureau, Jacksonville, director.*

GEORGIA.

Temperature.—The mean was 0.8 below the normal; maximum, 87, at Cordele, 31st; minimum, 12, at Diamond, 4th; greatest monthly range, 67, at Hawkinsville; least monthly range, 46, at Hepzibah.

Precipitation.—The average was 2.00 below the normal; greatest monthly, 6.64, at Blakely; least monthly, 1.42, at Union Point.

Wind.—Prevailing direction, northwest.—*Park Morrill, Local Forecast Official, Weather Bureau, Atlanta, director.*

IDAHO.

Temperature.—Maximum, 74, at Boise Barracks, 29th; minimum, —14, at American Falls, 3d; greatest monthly range, 74, at American Falls; least monthly range, 43, at Kootenai.

Precipitation.—Greatest monthly, 2.97, at Garden Valley; least monthly, 0.98, at Boise Barracks.

Wind.—Prevailing direction, south.—*J. H. Smith, Observer, Weather Bureau, Idaho Falls, director.*

ILLINOIS.

Temperature.—The mean was 0.8 above the normal; maximum, 82, at Carlinville, 30th, and at Griggsville and Rushville, 31st; minimum, —2, at Effingham, 3d.

Precipitation.—The average was 0.37 above the normal; greatest monthly, 6.22, at Griggsville; least monthly, 0.68, at Shawneetown.

Wind.—Prevailing direction, northwest.—*John Craig, Observer, Weather Bureau, Springfield, director.*

INDIANA.

Temperature.—The mean was 2.9 above the normal; maximum, 79, at Laconia, 31st; minimum, 7, at Markle, 16th; greatest monthly range, 68, at Laconia; least monthly range, 50, at Valparaiso.

Precipitation.—The average was 0.10 below the normal; greatest monthly, 6.52, at Muncie; least monthly, 1.89, at Hammond.

Wind.—Prevailing direction, southwest.—*Prof. H. A. Huston, Lafayette, director; C. F. R. Wappenhans, Local Forecast Official, Weather Bureau, assistant.*

IOWA WEATHER AND CROP SERVICE.

Temperature.—The mean was about 1.0 below the normal; maximum, 84, at Glenwood, 30th; minimum, —3, at Alta and Eagle Grove, 8th; greatest monthly range, 84, at Bonaparte; least monthly range, 60, at Dubuque.

Precipitation.—The average was about normal; greatest monthly, 4.40, at Fulton; least monthly, 0.64, at Denison.

Wind.—Prevailing direction, northwest.—*J. R. Sage, Des Moines, director; G. M. Chappel, Local Forecast Official, Weather Bureau, assistant.*

KANSAS.

Temperature.—The mean was 0.8 above the normal; maximum, 95, at Abilene, 30th, and at Kiowa, 31st; minimum, —9, at Monument, 4th; greatest monthly range, 95, at Englewood, Eureka Ranch, Lakin, and New England Ranch; least monthly range, 69, at Leavenworth.

Precipitation.—The average was 0.48 below the normal; greatest monthly, 8.08, at Horton; least monthly, 0.00, at several stations.

Wind.—Prevailing direction, south.—*T. B. Jennings, Observer, Weather Bureau, Topeka, director.*

KENTUCKY.

Temperature.—The mean was 0.9 below the normal; maximum, 89, at Springfield, 23d; minimum, 5, at Springfield, 3d; greatest monthly range, 84, at Springfield; least monthly range, 52, at Catlettsburg.

Precipitation.—The average was 1.42 below the normal; greatest monthly, 5.59, at Canton; least monthly, 1.47, at Catlettsburg.

Wind.—Prevailing direction, southwest.—*Frank Burke, Local Forecast Official, Weather Bureau, Louisville, director.*

LOUISIANA.

Temperature.—The mean was about 1.0 above the normal; maximum, 86, at Plain Dealing, 10th, at Maurepas, 24th, at Donaldsonville, 22d and 23d, and at Franklin, 21st; minimum, 17, at Winnsboro, 5th; greatest monthly range, 68, at Winnsboro; least monthly range, 29, at Port Eads.

Precipitation.—The average was about 1.50 below the normal; greatest monthly, 8.30, at Lake Charles; least monthly, 1.54, at Cheneyville.

Wind.—Prevailing direction, north.—*R. E. Kerkam, Local Forecast Official, Weather Bureau, New Orleans, director.*

MARYLAND.

Temperature.—Maximum, 78, at Barren Creek Springs, 24th; minimum, 6, at Sunnyside, 5th; greatest monthly range, 64, at Sunnyside; least monthly range, 42, at Great Falls.

Precipitation.—Greatest monthly, 4.14, at Cambridge; least monthly, 1.00, at Cumberland.

Wind.—Prevailing direction, northwest.—*Dr. William B. Clark, Johns Hopkins University, Baltimore, director; Prof. Milton Whitney, Maryland Agricultural College, secretary and treasurer; C. P. Cronk, Observer, Weather Bureau, in charge.*

MICHIGAN.

Temperature.—The mean was 0.4 above the normal; maximum, 67, at Ypsilanti and Adrian, 23d; minimum, —16, at Bellaire, 16th.

Precipitation.—The average was 0.07 above the normal; greatest monthly, 4.53, at Berrien Springs (a); least monthly, 0.74, at Hillsdale.

Wind.—Prevailing direction, southwest.—*E. A. Evans, Local Forecast Official, Weather Bureau, Detroit, director.*

MISSISSIPPI.

Temperature.—The mean was 1.8 below the normal; maximum, 88, at Columbus, 10th, and at Crystal Springs and Vaiden, 23d; minimum, 17, at University, 4th; greatest monthly range, 69, at Columbus; least monthly range, 42, at Hattiesburg.

Precipitation.—The average was 3.12 below the normal; greatest monthly, 6.19, at Logtown; least monthly, 0.20, at Batesville.

Wind.—Prevailing direction, south.—*R. J. Hyatt, Local Forecast Official, Weather Bureau, Vicksburg, director.*

MISSOURI.

Temperature.—Maximum, 86, at McCune, 31st; minimum, zero, at Phillipsburg, 4th.

Precipitation.—Greatest monthly, 5.16, at Saint Louis; least monthly, 1.10, at Cowgill.

Wind.—Prevailing direction, southwest.—*Miss Ida L. Crume, Secretary, State Board of Agriculture, Columbia, director; H. A. McNally, Observer, Weather Bureau, assistant.*

NEBRASKA.

Temperature.—Maximum, 96, at Lexington, 30th; minimum, —18, at Ansley, 4th; greatest monthly range, 105, at Lexington; least monthly range, 54, at Burwell.

Precipitation.—Greatest monthly, 2.41, at Valentine; least monthly, trace, at Indianola.

Wind.—Prevailing direction, northwest.—*Prof. Goodwin D. Sweeney, Crete, director; G. A. Loveland, Observer, Weather Bureau, assistant.*

NEVADA.

Temperature.—The mean was 2.7 below the normal; maximum, 85, at Downeyville, 8th; minimum, —21, at Stofiel, 3d.

Precipitation.—The average was 0.37 above the normal; greatest monthly, 6.28, at Palmetto; least monthly, trace, at Wabaska.

Wind.—Prevailing direction, south.—*Prof. Charles W. Friend, Carson City, director; F. A. Carpenter, Observer, Weather Bureau, assistant.*

NEW ENGLAND.

Temperature.—The mean was 1.2 below the normal; maximum, 64, at Plymouth, 24th; minimum, —25, at West Milan, 19th; greatest monthly range, 80, at West Milan; least monthly range, 36, at Block Island and Waterbury.

Precipitation.—The average was 0.29 below the normal; greatest monthly, 7.57, at South Dennis; least monthly, 0.52, at Burlington.

Wind.—Prevailing direction, northwest.—*J. Warren Smith, Observer, Weather Bureau, Boston, director.*

NEW JERSEY.

Temperature.—The mean was 0.2 above the normal; maximum, 69, at Barnegat, 26th; minimum, 5, at Allaire, 6th; greatest monthly range, 58, at Somerville; least monthly range, 40, at Newark.

Precipitation.—The average was 0.05 below the normal; greatest monthly, 6.26, at Toms River; least monthly, 2.42, at Pensauken.

Wind.—Prevailing direction, northwest.—*E. W. McGann, Observer, Weather Bureau, New Brunswick, director.*

NEW MEXICO.

Temperature.—Maximum, 87, at Socorro, 31st, and at Los Cruces, 30th; minimum, —2, at Chama, 11th; greatest monthly range, 75, at Chama; least monthly range, 53, at Santa Fe.

Precipitation.—Greatest monthly, 5.15, at Chama; least monthly, 0.00, at Folsom and Socorro.

Wind.—Prevailing direction, west.—*H. B. Hersey, Observer, Weather Bureau, Santa Fe, director.*

NEW YORK.

Temperature.—The mean was 0.2 below the normal; maximum, 70, at Albion, 24th; minimum, —7, at Number Four, 19th; greatest monthly range, 69, at Eden Center; least monthly range, 35, at Middletown and Rondout.

Precipitation.—The average was 0.55 below the normal; greatest monthly, 6.16, at Eden Center; least monthly, 0.68, at Plattsburg Barracks.

Wind.—Prevailing direction, southwest.—*Prof. E. A. Fieries, Dean of the College of Civil Engineering, Cornell University, Ithaca, director; R. M. Hardinge, Observer, Weather Bureau, assistant.*

NORTH CAROLINA.

The month was very favorable for crops and farm work.

Temperature.—The mean was 0.5 below the normal; maximum, 82, at Smithfield and Rockingham, 24th; minimum, 5, at Highlands, 5th; greatest monthly range, 75, at Marion; least monthly range, 40, at Hatteras.

Precipitation.—The average was 2.75 below the normal; greatest monthly, 4.98, at Lewiston; least monthly, 0.75, at Warrenton.

Wind.—Prevailing direction, southwest.—*Dr. Herbert B. Battle, Raleigh, director; C. F. von Herrmann, Observer, Weather Bureau, assistant.*

NORTH DAKOTA.

Temperature.—The mean was 7.0 below the normal; maximum, 68, at Yule, 30th; minimum, —35, at Bottineau, 14th; greatest monthly range, 84, at Yule; least monthly range, 62, at Churchs Ferry.

Precipitation.—The average was 0.81 above the normal; greatest monthly, 3.14, at Jamestown; least monthly, 0.12, at Fort Buford.

Wind.—Prevailing direction, northwest.—*W. H. Fallon, Observer, Weather Bureau, Bismarck, director.*

OHIO.

Temperature.—The mean was 3.0 above the normal; maximum, 87, at Portsmouth, 23d; minimum, —8, at Garrettsville, 16th; greatest monthly range, 81, at Garrettsville; least monthly range, 57, at Harbor.

Precipitation.—The average was 0.76 below the normal; greatest monthly, 4.53, at Hiram; least monthly, 0.34, at Milfordton.

Wind.—Prevailing direction, west.—*L. N. Bonham, Columbus, director; C. M. Strong, Observer, Weather Bureau, secretary and assistant.*

OKLAHOMA.

Temperature.—Maximum, 96, at Purcell, 31st; minimum, 5, at Fort Supply, 3d; greatest monthly range, 90, at Fort Supply; least monthly range, 62, at Lehigh.

Precipitation.—Greatest monthly, 2.81, at Gwenndale; least monthly, 0.03, at Gate City.

Wind.—Prevailing direction, south.—*J. I. Widmeyer, Observer, Weather Bureau, Oklahoma City, director.*

PENNSYLVANIA.

Temperature.—The mean was 1.0 below the normal; maximum, 74, at Ligonier, 24th; minimum, 3, at Kane, 5th; greatest monthly range, 64, at Ligonier; least monthly range, 38, at Bloomsburg.

Precipitation.—The average was 0.62 below the normal; greatest monthly, 5.09, at Wellsboro; least monthly, 0.98, at Uniontown.

Wind.—Prevailing direction, northwest.—*Under direction of the Franklin Institute, Philadelphia; W. P. Tatham, director; H. L. Ball, Observer, Weather Bureau, assistant.*

SOUTH DAKOTA.

Temperature.—The mean was 5.7 below the normal; maximum, 81, at Oelrichs, 30th; minimum, —25, at Faulkton, 15th; greatest monthly range, 95, at Oelrichs; least monthly range, 63, at Gary.

Precipitation.—The average was 1.27 above the normal; greatest monthly, 5.49, at Webster; least monthly, 0.71, at Piedmont.

Wind.—Prevailing direction, northwest.—*S. W. Glenn, Local Forecast Official, Weather Bureau, Huron, director.*

TENNESSEE WEATHER AND CROP SERVICE.

Temperature.—The mean was 1.0 above the normal; maximum, 83, at Harriman, 23d; minimum, 10, at Lookout Mountain, Rugby, Austin, and Clarksville, 4th; greatest monthly range, 69, at Clarksville; least monthly range, 54, at Tullahoma.

Precipitation.—The average was 2.60 below the normal, and, excepting 1885, was the least rainfall on record for March in 11 years; greatest monthly, 4.55, at Riddleton; least monthly, 0.75, at Jackson and McKenzie.—*J. B. Marbury, Local Forecast Official, Weather Bureau, Nashville, director.*

TEXAS.

Temperature.—The mean was 0.3 below the normal; maximum, 99, at Twohig, 22d; minimum, 12, at Hartley, 13th; greatest monthly range, 81, at Quanah; least monthly range, 39, at Galveston.

Precipitation.—The average was 0.87 below the normal; greatest monthly, 4.09, at Sulphur Springs; least monthly, 0.00, at a number of stations.

Wind.—Prevailing direction, southeast.—*D. D. Bryan, Galveston, director; I. M. Cline, Local Forecast Official, Weather Bureau, assistant.*

UTAH.

Temperature.—The mean was 3.0 below the normal; maximum, 87, at Saint George, 29th; minimum, —19, at Scofield, 1st; greatest monthly range, 79, at Scofield; least monthly range, 45, at Logan.

Precipitation.—Greatest monthly, 4.07, at Mount Carmel; least monthly, 0.52, at Loa.

Wind.—Prevailing direction, southwest.—*G. N. Salisbury, Observer, Weather Bureau, Salt Lake City, director.*

VIRGINIA.

Temperature.—Maximum, 80, at Ashland, 22d, at Big Stone Gap, 23d, and at Saluda, 24th; minimum, 9, at Hot Springs, 19th, and at Wytheville, 4th, 8th, and 15th; greatest monthly range, 67, at Saluda and Warsaw; least monthly range, 45, at Hampton.

Precipitation.—Greatest monthly, 8.95, at Spottsville; least monthly, 0.81, at Wytheville.

Wind.—Prevailing directions, northeast and northwest.—*Dr. E. A. Craig-hill, Lynchburg, director; J. N. Ryker, Observer, Weather Bureau, assistant.*

WASHINGTON.

Temperature.—The mean was 3.4 below the normal; maximum, 73, at Clyde, 16th; minimum, 4, at Waterville, 2d; greatest monthly range, 58, at Moxee; least monthly range, 19, at Tatoosh Island.

Precipitation.—The average was 0.08 below the normal; greatest monthly, 14.88, at Neah Bay; least monthly, 0.84, at Ellensburg.

Wind.—Prevailing direction, south.—*H. F. Alciatore, Observer, Weather Bureau, Olympia, director.*

WEST VIRGINIA.

Temperature.—Maximum, 84, at Point Pleasant, 28d; minimum, 3, at Davis, 5th; greatest monthly range, 71, at Nuttallburg; least monthly range, 58, at Martinsburg.

Precipitation.—Greatest monthly, 2.89, at Davis; least monthly, 0.89, at New Martinsville.

Wind.—Prevailing direction, southwest.—*W. W. Dent, Observer, Weather Bureau, Parkersburg, director.*

WISCONSIN.

Temperature.—The mean was about 3.0 below the normal; maximum, 65,

at Prairie du Chien, 31st; minimum, —30, at Butternut, 3d; greatest monthly range, 81, at Hayward; least monthly range, 51, at Oshkosh and New Holstein.

Precipitation.—The average was about 0.40 above the normal; greatest monthly, 3.80, at Janesville; least monthly, 1.13, at Centralia.

Wind.—Prevailing directions, northeast and northwest.—*W. L. Moore, Local Forecast Official, Weather Bureau, Milwaukee, director.*

WYOMING.

Temperature.—Maximum, 77, at Fort McKinney, 30th; minimum, —10, at Evanston, 14th; greatest monthly range, 81, at Fort McKinney; least monthly range, 58, at Fort Yellowstone.

Precipitation.—Greatest monthly, 1.34, at Lander; least monthly, 0.23, at Fort McKinney.

Wind.—Prevailing direction, northwest.—*E. M. Ravenscraft, Observer, Weather Bureau, Cheyenne, director.*

METEOROLOGICAL TABLES.

Meteorological record of voluntary and other co-operating observers, March, 1893.

Stations.	Temperature. (Fahrenheit.)			Precip'n.	Stations.	Temperature. (Fahrenheit.)			Precip'n.
	Max.	Min.	Mean.			Max.	Min.	Mean.	
Alabama.					Arizona—Cont'd.				
Alec...	83	26	57.3	4.65	Peoria†	91	37	59.2	1.71
Brewton†	79	25	55.8	3.76	Phoenix†	95	30	61.7	0.46
Citronelle†	79	30	58.6	2.33	Red Rock†	97	35	62.1	1.40
Clanton†	80	28	56.3	2.27	Reymert†	87	31	54.0	4.42
Cordova†	80	26	56.2	3.66	Rye†	92	26	52.4	2.96
Daphne†	80	26	56.2	3.26	San Carlos...	89	39	57.8	1.40
Decatur†	80	26	56.2	4.37	San Simon...	92	30	57.1	2.29
Demopolis†	80	26	56.2	4.97	Signal†	92	30	57.1	0.03
Elba†	80	26	56.2	4.81	Teviston...	102	45	68.1	1.16
Eufaula†	80	26	56.2	2.97	Texas Hill...	92	33	57.3	1.02
Florence†	79	15	49.9	2.18	Tucson†	90	31	48.9	3.12
Florence†	79	15	49.9	4.80	Tucson b...	75	25	48.6	1.67
Gadsden†	83	34	61.2	7.73	Walnut Grove†	70	5	41.4	1.26
Geneva†	82	23	54.2	3.36	Walnut Ranch†	75	25	48.6	1.67
Greensboro†	83	23	54.2	2.96	Whipple Barracks...	84	32	62.4	0.79
Healing Springs†	80	25	52.8	2.43	Willcox...	82	17	45.3	1.53
Highland Home†	73	18	50.9	3.71	Winslow†	94	41	60.4	3.99
Jasper†	81	23	52.2	3.72	Yuma...	70	18	48.6	2.04
Livingston†	73	16	52.1	3.65	Arkansas.	82	21	51.4	4.43
Livingston b...	75	18	54.1	3.13	Arkansas City†	79	19	50.2	2.58
Lynn†	73	16	52.1	3.65	Brinkley†	82	11	48.8	2.89
Lynn b...	75	18	54.1	3.13	Camden†	76	14	51.1	3.97
Maple Grove†	78	13	51.7	3.98	Camden b...	79	9	47.6	3.02
Marion†	81	24	55.8	3.34	Conway†	78	11	48.8	2.11
Maysville†	81	24	55.8	3.34	Corning†	76	14	51.1	3.97
Mount Willing†	83	15	50.9	3.07	Dallas†	79	9	47.6	2.11
Newbern†	77	16	50.2	2.82	Dardanelle†	78	11	48.6	3.43
Newberg†	77	16	50.2	3.89	Fayetteville†	81	10	48.9	3.54
Oxanna...	77	16	50.2	3.89	Forrest†	78	11	48.6	3.43
Scottsboro...	77	16	50.2	3.89	Fulton†	80	22	52.6	2.03
Selma†	77	16	50.2	3.89	Gaines Landing†	81	10	48.9	3.54
Sturdevant†	77	16	50.2	3.89	Harrison†	78	11	48.6	3.43
Talladega†	77	16	50.2	3.89	Helena†	78	11	48.6	3.43
Tallapoosa Falls†	77	16	50.2	3.89	Helena b...	78	11	48.6	3.43
Tuscaloosa†	77	16	50.2	3.89	Hope†	78	11	48.6	3.43
Tuscaloosa b...	77	16	50.2	3.89	Hot Springs...	81	10	51.4	4.43
Union†	80	25	55.1	5.75	Keesee Ferry†	81	7	47.0	3.75
Union Springs†	82	22	53.5	2.87	Kirby†	78	17	50.4	3.03
Valley Head†	76	15	48.5	2.88	Lonoke†	75	19	54.0	5.50
Warrior†	76	15	48.5	2.88	Madding†	80	10	46.4	5.21
Wilsonville†	76	15	48.5	2.88	Melbourne†	62	13	42.1	4.25
Alaska.					Mount Nebo†	75	20	52.4	3.59
Killisnoo†	43	22	34.0	4.65	New Gascony†	62	13	42.1	4.25
Metlakatla†	50	22	37.9	3.88	Newport†	79	15	49.4	4.11
Arizona.					Newport b...	79	15	49.4	4.11
Ariz. Can. Co. Dam†	97	31	60.5	1.60	Oceola†	80	20	51.2	2.53
Buckeye†	100	31	60.5	1.60	Pine Bluff†	80	20	51.2	2.53
Calabasas†	85	28	53.2	1.53	Prescott†	78	30	53.5	4.72
Oasa Grande...	96	42	60.8	1.87	Rogers†	80	6	42.8	2.72
Chiricahua Mts†	88	29	52.2	2.63	Russellville†	79	15	50.2	3.38
Crittenden†	88	29	52.2	2.63	Searcy†	78	15	49.0	3.26
Dragoon†	84	33	53.5	1.15	Stuttgart†	78	19	51.6	4.68
Dragoon Summit...	93	31	56.5	1.93	Washington b...	75	21	53.7	4.71
Dudleyville†	84	33	53.5	1.15	Winslow†	74	5	45.4	2.50
Flagstaff†	70	3	36.9	6.75	California.				
Florence†	94	30	57.2	2.33	Agnew†	82	35	51.0	5.17
Fort Apache...	79	12	43.4	2.45	Alcalde...	86	34	53.2	1.99
Fort Bowie...	79	12	43.4	2.45	Anaheim...	85	43	60.2	6.07
Fort Grant...	85	25	51.4	1.26	Anderson†	73	27	47.9	6.07
Fort Huachuca...	84	26	51.0	2.21	Antioch...	74	40	53.0	2.64
Fort Mohave...	102	33	60.6	1.09	Aptos...	78	34	51.8	7.97
Gila Bend a...	92	34	62.5	1.70	Arcata†	75	30	49.0	10.88
Gila Bend b...	98	45	60.1	0.94	Arlington Heights...	80	33	52.4	4.83
Holbrook†	84	12	44.4	1.44	Athlone...	84	35	52.9	3.20
Maricopa...	74	47	59.0	1.14	Auburn...	80	34	54.0	9.20
Mount Huachuca†	83	24	50.8	2.14	Bakersfield a...	83	40	55.8	2.30
Natural Bridge†	82	28	48.8	4.29	Bakersfield b...	88	28	52.2	1.25
Oracle†	82	28	48.8	4.29	Ballast Point L. H.	76	30	50.6	9.67
Oro...	99	27	58.7	0.67	Beaumont...	79	42	57.4	3.15
Palomas†	99	27	58.7	0.67	Berendo...	82	38	55.7	3.15
Pantano...	90	36	51.5	0.70					
Payson†	79	25	42.4	5.95					

Meteorological record of voluntary observers, etc.—Continued.

Stations.	Temperature. (Fahrenheit.)			Precip'n.	Stations.	Temperature. (Fahrenheit.)			Precip'n.
	Max.	Min.	Mean.			Max.	Min.	Mean.	
California—Cont'd.	°	°	°	<i>Ins.</i>	California—Con.	°	°	°	<i>Ins.</i>
Berkeley.....	74	36	50.6	6.19	Huron °	85	32	52.3	1.50
Biggs.....	84	31	48.7	4.53	Hyde Ranch.....	75	29	46.8	3.29
Bishop Creek °	78	10	28.6	0.15	Hydesville†.....	79	21	46.6	0.26
Boca °	80	32	49.7	4.00	Independence†.....	79	32	60.7	1.60
Borden °	80	31	50.8	16.91	Indio °	73	32	53.9	5.70
Boulder Creek °	80	33	52.8	2.75	Ione °	79	29	45.1	12.04
Brentwood °	81	32	50.6	2.55	Iowa Hill °	83	33	54.0	5.87
Brighton °	78	36	53.8	2.43	Irvington†.....	75	32	47.8	1.50
Byron °	85	39	52.8	9.91	Keeler °	73	31	45.4	6.70
Caliente °	81	32	52.4	7.19	Keene °	77	27	45.2	12.04
Callistoga °	80	38	53.2	8.38	Kennedy Gold Mine!.....	80	32	54.1	3.17
Campo Seco.....	79	40	54.5	6.09	King City °	85	32	53.9	3.37
C. Mendocino L. H.	84	34	55.2	5.58	Kingsburg °	78	41	53.7	3.60
Capitola °	78	34	49.6	5.46	Knights Landing °	67	30	46.6	5.41
Castroville °	87	33	55.7	7.43	Kono Tayee.....	82	33	52.9	5.12
Centerville °	42	10	27.8	0.30	Lagrange °	82	35	54.6	2.78
Chico °	80	30	50.6	9.22	Laurel °	80	33	49.7	12.54
Chino °	83	30	50.6	9.22	Lemoore a °	88	33	54.6	2.49
Cisno °	88	33	54.6	6.64	Lemoore b.....	90	32	53.6	2.68
Citrus °	73	34	51.2	1.96	Lick Observatory†.....	62	23	37.3	8.99
Claremont†.....	80	33	50.9	5.00	Lime Point L. H.....	77	35	50.2	3.68
Colegrove.....	84	37	52.6	6.80	Livermore °	86	40	54.7	2.03
Colton °	78	40	54.1	4.32	Livingston °	80	34	53.0	3.88
Colusa†.....	89	38	59.5	3.94	Lodi.....	78	35	52.2	0.00
Corning °	80	34	53.5	2.42	Long Beach °	90	40	55.4	7.25
Crescent City.....	78	35	51.9	11.90	Los Angeles °	80	38	52.2	2.19
Crescent City L. H.	90	40	59.9	8.75	Los Banos °	80	35	52.3	8.11
Crofton °	77	31	48.8	9.15	Los Gatos a °	76	35	49.1	9.15
Davisville a °	87	34	54.5	11.20	Los Gatos b.....	93	40	61.5	1.17
Davisville b.....	74	34	47.9	4.64	Mammoth Tank °	79	26	45.4	11.67
Delano °	70	25	43.1	13.30	Mare Island L. H.....	68	36	50.3	4.47
Delta °	66	17	36.0	2.14	Mariposa °	85	32	49.6	3.68
Downey °	63	15	35.0	13.89	Martinez °	80	36	51.5	4.33
Delta °	83	30	50.2	3.90	Marysville a °	82	40	52.8	3.49
Drytown.....	81	33	49.8	8.02	Maxwell.....	85	31	49.0	9.32
Duarte.....	75	37	52.1	8.52	Menlo Park °	77	37	52.7	7.51
Dunsmuir °	50	17	33.5	10.05	Merced °	89	39	52.7	4.24
East Brother L. H.	76	36	52.9	3.14	Middletown °	80	28	50.4	1.53
Edgewood.....	81	34	55.0	3.85	Mills College.....	80	28	50.4	1.53
Edmonton °	83	37	51.1	8.06	Milton (near) °	83	39	53.6	3.61
El Casco °	82	35	50.3	6.16	Modesto °	75	30	47.2	0.87
Eldorado °	78	36	51.8	12.52	Mohave.....	74	38	53.5	5.78
El Verano °	86	34	52.4	6.93	Mokelumne Hill °	75	40	53.2	7.60
Emigrant Gap °	85	41	54.0	6.79	Monson °	78	32	51.9	5.31
Esparto °	83	31	52.8	2.77	Montague °	77	34	51.9	4.31
Evergreen.....	80	40	54.4	6.86	Monterey °	79	33	54.6	6.50
Exeter.....	83	36	54.2	6.93	Mountain View.....	94	38	62.5	0.55
Fall Brook °	66	9	35.1	1.00	Mount Glenwood °	87	39	52.5	0.00
Farmington °	50	16	31.6	5.17	Napa City a °	75	22	43.2	12.75
Felton.....	82	34	54.1	3.09	Napa City b.....	80	40	52.7	6.78
Fernando °	75	36	53.0	6.40	Napa City °	81	39	55.8	4.66
Florence °	80	38	53.6	4.49	National City†.....	77	30	48.7	7.21
Florin °	78	24	44.0	17.09	Needles a†.....	76	30	49.0	5.36
Folsom City a °	85	36	55.1	8.06	Needles b °	88	32	52.0	7.90
Folsom City b °	83	30	43.2	3.43	Newcastle a†.....	80	38	55.5	4.73
Fort Bidwell.....	78	30	54.0	11.64	Newcastle b °	82	40	51.6	5.95
Fouts Springs °	74	32	51.8	14.56	Newhall °	85	29	49.6	7.75
Fresno °	71	27	42.1	12.40	Newman °	77	45	58.8	5.99
Fruto °	78	32	48.0	11.93	Newhall °	81	30	48.5	5.29
Galt °	70	38	50.0	5.20	Newark °	74	38	53.9	5.22
Georgetown†.....	82	30	51.6	4.25	Newcastle a†.....	75	29	45.5	11.40
Gilroy °	75	24	44.5	0.30	Newcastle b °	89	36	52.4	7.37
Glen Ellen °	75	24	44.5	0.30	Newhall °	76	30	51.8	5.75
Glendora.....	80	36	52.1	3.47	Niles °	80	36	52.1	3.47
Goshen °	74	32	51.8	9.59	Niles °	84	42	53.2	6.47
Grass Valley a.....	71	27	42.1	11.93	Nordhoff†.....	90	37	57.4	6.47
Grass Valley b.....	78	32	48.0	5.24	Norwalk °	81	30	48.5	5.29
Gridley °	70	38	50.0	5.20	Oakdale °	74	38	53.9	5.22
Guinda.....	82	30	51.6	4.25	Oakland °	75	29	45.5	11.40
Haywards °	75	24	44.5	0.30	Oleta °	89	36	52.4	7.37
Hollister °	75	24	44.5	0.30	Ontario °	76	30	51.8	5.75
Hornbrook.....	80	36	52.1	3.47	Orangevale†.....	80	36	52.1	3.47
Humboldt L. H.	75	24	44.5	0.30	Orland °	84	42	53.2	6.47
					Orville °	90	37	57.4	6.47